

MOUNTAIN ASH URBAN DISTRICT COUNCIL



ANNUAL REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

1963



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ANNUAL REPORT

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MEDICAL OFFICER OF HEALTH

FOR THE

Year ended 31st December, 1963

BY

J. LI. WILLIAMS, M.R.C.S., L.R.C.P., D.P.H. (LOND.)



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PUBLIC HEALTH COMMITTEE

Day of Meeting:

Second Tuesday of each month.

Chairman:

Councillor ABEL MORGAN

Members:

Councillor Miss E. M. BATH	Councillor A. H. MAGGS, J.P.
Councillor F. J. BROOKS	Councillor W. J. NORTHAM
Councillor B. J. W. CODD	Councillor W. MORGAN
Councillor A. G. DAVIES	Councillor A. NEWMAN
Councillor G. F. DAVIES, J.P.	Councillor R. G. OWEN
Councillor Miss M. GEORGE	Councillor R. V. NELMS, B.E.M.
Councillor A. S. J. HILLIER	Councillor S. S. PARFITT
Councillor Mrs. M. LEWIS	Councillor H. PHILLIPS
Councillor W. LEWIS	Councillor C. WILLIAMS
Councillor J. LLOYD	Councillor W. J. WILLIAMS

Staff of Public Health Department

Medical Officer of Health J. LL. WILLIAMS, M.R.C.S.,
(Part Time) L.R.C.P., D.P.H. (LOND.)

Senior Public Health Inspector ... G. M. JAMES, M.A.P.H.I.,
Cert. Meats and Other Foods

*1 *Public Health Inspector* D. T. EVANS, M.A.P.H.I.,
Cert. Meats and Other Foods

*2 *Public Health Inspector* R. G. JONES, Cert. P.H.I.E.B.,
A.R.S.H.

*3 *Public Health Inspector* S. DAVIES, M.A.P.H.I.,
Cert. Meat and Other Foods

Shops and General Purposes
Inspector H. R. GIBSON

*4 *Clerk* H. J. THOMAS

*5 *Clerk* B. DAVIES

*1—Public Health Inspector D. T. EVANS left in February, 1963
for an appointment in Winchester.

*2—Student Public Health Inspector who qualified in July, 1963.

*3—Commenced duties with this Department in December, 1963.

*4—Deceased July, 1963.

*5—Commenced duties with this Department in November, 1963.

Medical Officer of Health's Annual Report

PUBLIC HEALTH DEPARTMENT,
OXFORD STREET,
MOUNTAIN ASH.

Tel. No. Mountain Ash 3241.

December, 1964.

*To the Chairman and Members of the Mountain Ash Urban
District Council*

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary conditions of the District, and the work carried out by your Officers of the Public Health Department, together with the vital and other statistics for the year 1963.

I wish to record my thanks to the Members of the Council for the interest they have shown in the Department, to the Clerk of the Council and Chief Officers for their ready co-operation and to Mr. G. M. James, Senior Public Health Inspector and the Staff of the Public Health Department.

Yours sincerely,

J. LL. WILLIAMS,

Medical Officer of Health.

GENERAL STATISTICS

Area of District (in acres)	10,504
Census Population (1961)	31,521
Registrar's estimated population	29,540
Number of inhabited houses (December, 1962)	8,765
Rateable Value	£180,514
Sum represented by penny rate	£667

VITAL STATISTICS

Live Births	518
Illegitimate live births per cent of Total live births	2·8
Live Birth Rate per 1000 population	17·54
Stillbirths	12
Rate per 1000 total live and stillbirths	22·6
Total live and stillbirths	530
Infant Deaths (deaths under 1 year)	15
Infant Mortality rate per 1000 live births—Total	28·96
Infant Mortality rate per 1000 live births—Legitimate ...	29·8
Infant Mortality rate per 1000 live births—Illegitimate...	—
Neo Natal Mortality rate per 1000 live births	17·34
Early Neo Natal Mortality rate	15·4
Perinatal mortality rate	37·7
Maternal mortality (including abortion)	—
Maternal mortality rate per 1000 live and still births	—

DEATHS

Deaths that actually occurred in the district	295
Local residents who died outside the Area	130
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Residents of other districts who died in the Mountain Ash area	9
<hr/>	
Correct number of Deaths	416
<hr/>	

Four hundred and sixteen deaths occurred among local residents giving a death rate of 17·04 per 1000.

Death Rate for 1962	11·57
Death Rate for England and Wales for 1963 per 1000 (crude)	12·20
For Glamorgan (Administrative County)	14·55
For Urban Districts	14·99
For Rural Districts	13·47

INFANT MORTALITY AND NEO-MORTALITY, 1963

Source	Infant Mortality		Neo Natal Mortality	
	Deaths under one year	Rate per 1,000 live births	Deaths under four weeks	Rate per 1,000 live births
England and Wales	17,870	20.90	—	—
Glamorgan County	364	27.46	259	19.54
Urban Districts	256	27.86	177	19.26
Rural Districts	108	26.54	82	20.15
Mountain Ash	15	28.96	9	17.37
Some larger Glamorgan Districts :				
Aberdare	19	31.40	13	21.49
Barry	15	18.36	11	13.46
Bridgend	5	20.24	4	16.19
Caerphilly	18	26.12	13	18.86
Gelligaer	26	38.52	16	23.70
Maesteg	10	25.77	8	20.62
Neath Borough	15	30.00	9	18.00
Neath Rural	27	41.47	20	30.72
Pontypridd	18	28.80	14	22.40
Rhondda Borough	45	27.44	32	19.51

STILL BIRTHS

The number of still-births registered was 12, of which 7 were males and 5 females. The Still Birth Rate per 1,000 registered live and still-births being 22.64.

INFANT MORTALITY

The following tabel shows the Infantile Mortality—Deaths under One Year Rates per 1,000 Births since 1912.

Year	England Wales	Mountain Ash	Year	England Wales	Mountain Ash
1912	95	114·8	1938	53	45·7
1913	108	149·2	1939	50	76·9
1914	105	134·1	1940	55	54·0
1915	110	131·2	1941	59	65·0
1916	91	90·4	1942	49	45·7
1917	96	97·6	1943	49	46·4
1918	97	97·4	1944	46	51·9
1919	89	112·6	1945	46	57·0
1920	80	90·2	1946	43	50·0
1921	83	83·2	1947	41	73·0
1922	77	85·3	1948	34	46·0
1923	69	64·2	1949	32	46·0
1924	75	74·0	1950	39·8	48·64
1925	75	88·7	1951	29·6	41·74
1926	70	69·7	1952	27·6	50·88
1927	69	89·5	1953	26·8	24·76
1928	65	70·9	1954	25·5	21·23
1929	74	70·9	1955	24·9	36·56
1930	60	84·3	1956	23·8	25·97
1931	66	72·6	1957	23·0	44·23
1932	65	88·3	1958	22·5	47·52
1933	64	69·0	1959	22·0	26·92
1934	59	67·4	1960	21·7	34·76
1935	57	87·0	1961	21·4	14·74
1936	59	68·1	1962	21·4	26·97
1937	58	84·8	1963	20·9	28·96

Neo-Natal Mortality

1950	—	29·18	1957	16·5	28·85
1951	18·8	23·50	1958	—	31·68
1952	18·9	24·56	1959	—	26·92
1953	17·7	17·14	1960	15·6	24·54
1954	17·7	10·62	1961	—	28·42
1955	17·3	27·96	1962	—	18·67
1956	—	17·32	1963	—	17·37

Perinatal Mortality

1959	34·2	54·00	1962	30·8	42·25
1960	32·9	58·94	1963	—	37·7
1961	32·2	32·85			

The following table gives the number of still-births per 1,000 live and still-births for the past ten years :

1954.....46·5	1958.....28·8	1962.....31·12
1955.....29·2	1959.....31·1	1963.....22·64
1956.....29·4	1960.....39·29	
1957.....33·4	1961.....24·64	

Table of Infant Mortality during the Year 1963

Cause of Death	Under 1 day		1 - 7 days		1 - 2 weeks		2 - 3 weeks		3 - 4 weeks		Over 4 weeks & under 3 months		3 - 6 months		6 - 9 months		9 - 12 months		TOTALS		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Bronchiolitis	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—
Pneumonia	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	2	—
Congenital	1	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	2	1
Malformations																					
Prematurity	—	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
Asphyxia	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	1
Exomphalos	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Hypothermia	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Cerebral	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Haemorrhage																					
TOTALS	1	2	4	1	1	—	—	—	1	1	2	—	1	1	—	—	—	—	—	10	5

CAUSES OF DEATH

	Male	Female	Total
All causes	221	193	414
Tuberculosis—Respiratory	6	1	7
Other Forms	—	—	—
Syphilitic Disease	—	1	1
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal Infections	—	—	—
Acute Poliomyelitis	—	—	—
Measles	—	—	—
Other infective and parasitic diseases	—	—	—
Malignant neoplasm—Stomach	3	3	6
Lung, Bronchus	8	1	9
Breast	—	7	7
Uterus	—	7	7
Other malignant and lymphatic neoplasms ..	17	14	31
Leukaemia, aleukaemia	—	—	—
Diabetes	1	1	2
Vascular lesions of nervous system	26	35	61
Coronary disease angina	41	29	70
Hypertension with heart disease	5	4	9
Other heart disease	15	14	29
Other circulatory disease	10	13	23
Influenza	—	—	—
Pneumonia	6	10	16
Bronchitis	32	11	43
Other diseases of respiratory system	16	1	17
Ulcer of stomach and duodenum	1	—	1
Gastritis, enteritis and diarrhoea	—	1	1
Nephritis and nephrosis	1	2	3
Hyperplasia of prostate	1	—	1
Pregnancy, childbirth, abortion	—	—	—
Congenital malformations	4	1	5
Other defined and ill-defined diseases	16	28	44
Motor vehicle accidents	2	3	5
All other accidents	7	4	11
Suicide	3	2	5
Homicide and operations of war	—	—	—

The following table shows the number of deaths from Cancer in the area during the past five years.

	1963			1962			1961			1960			1959		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Stomach	3	3	6	3	7	10	5	5	10	5	11	16	5	8	13
Lung, Bronchus ..	8	1	9	10	1	11	8	2	10	4	1	5	10	2	12
Breast	—	7	7	—	5	5	—	4	4	—	8	8	—	4	4
Uterus	—	7	7	—	6	6	—	4	4	—	2	2	—	4	4
Other	17	14	31	12	8	32	10	12	22	18	10	28	20	11	31
Totals	28	32	60	37	27	64	23	27	50	27	32	59	35	29	64

LIVE BIRTHS

	Male	Female	Total
Legitimate	278	225	503
Illegitimate	7	8	15
	<hr/> 285 <hr/>	<hr/> 233 <hr/>	<hr/> 518 <hr/>
Birth rate per 1,000 home population being			17·53
1962 birth rate per 1,000 home population was			16·33
The birth rate for England and Wales being (crude)			18·20
The birth rate for Glamorgan (Administrative County) ...			17·97
The birth rate for Urban Districts being			17·98
The birth rate for Rural Districts being			18·18

ILLEGITIMATE BIRTHS

The number of illegitimate births registered was 15, of which 7 were boys and 8 girls and no deaths occurred amongst these children.

NOTIFIABLE DISEASES

During the year the following notifications were received :

	Male	Female	Total
Scarlet Fever	6	12	18
Whooping Cough	—	3	3
Acute Poliomyelitis	—	—	—
Measles	160	181	341
Dysentery	5	4	9
Pneumonia	3	3	6
Food Poisoning	9	1	10
Puerperal Pyrexia	—	5	5

The following table shows the incidence of confirmed infectious diseases during the past seven years.

Disease	1963	1962	1961	1960	1959	1958	1957
Scarlet Fever	18	23	39	31	41	84	87
Diphtheria	—	—	—	—	—	—	—
Measles	341	10	1134	4	119	233	207
Pneumonia	6	9	3	6	34	17	13
Cerebro-Spinal Meningitis ..	—	—	—	—	—	—	—
Food Poisoning	10	2	1	—	2	1	—
Poliomyelitis	—	—	1	—	—	—	3
Whooping Cough	3	—	30	3	3	4	40
Erysipelis	3	—	—	4	6	6	5
Meningococcal Infection	—	—	—	1	1	1	2
Paratyphoid	4	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—
Puerperal Pyrexia	5	4	9	8	3	4	4
Dysentery	9	17	18	—	5	1	5
Ophthalmia Neonatorum	—	—	—	—	—	—	—

ANNUAL REPORT OF FOOD POISONING

NOIFICATION (corrected)

Food poisoning notifications (corrected) returned to Registrar General—**Ten.**

Outbreaks

Total Outbreaks—**Three.**

Single Cases.

Total number of known cases—**One.**

TUBERCULOSIS

The number of new cases notified in 1963 was :

Tuberculosis—Pulmonary	21
Meningitis	—
Other Forms	1
Total notified during the year	22
Cases of Tuberculosis admitted to Sanatoria in 1963	23
Cases of Tuberculosis discharged from Sanatoria in 1963 ...	30

The following table gives the age and sex distribution of persons notified as suffering from Tuberculosis and of those who have died from the disease :

Age Periods	New Cases Notified				Deaths			
	Respira- tory		Other Forms		Respira- tory		Other Forms	
	M.	F.	M.	F.	M.	F.	M.	F.
0 to 5	—	—	—	—	—	—	—	—
5 to 14	—	—	—	—	—	—	—	—
15 to 24	—	—	—	—	—	—	—	—
25 to 44	3	2	—	—	2	—	—	—
45 to 64	8	2	—	—	3	1	—	—
65 and over ...	3	2	1	—	1	—	—	—
Age unknown	1	—	—	—	—	—	—	—
TOTALS	15	6	1	—	6	1	—	—

The following table shows the incidence of Tuberculosis in the district for the past 20 years.

Year	Cases Notified		Deaths	
	Respiratory	Other Forms	Respiratory	Other Forms
1944	70	16	21	4
1945	63	7	22	4
1946	60	8	22	5
1947	48	5	20	6
1948	49	10	20	2
1949	34	6	18	—
1950	44	7	18	6
1951	54	6	14	1
1952	59	6	16	—
1953	73	5	15	1
1954	52	4	9	—
1955	35	4	10	1
1956	28	4	5	—
1957	28	2	10	—
1958	23	1	39	—
1959	27	3	9	—
1960	28	3	11	—
1961	21	2	8	—
1962	12	2	1	—
1963	21	1	7	—

CHEMICAL AND BACTERIOLOGICAL EXAMINATIONS

Arrangements for the chemical and bacteriological examinations of specimens from this area remain the same as in previous years.

With the exception of the Sputum Outfits (which are obtained from the Chest Physical at the Chest Clinic) all other outfits for the collection and transmission of specimens can be obtained from the Public Health Department, Oxford Street, Mountain Ash. Medical Practitioners within the area are aware of this fact.

The following tables show the nature of specimens sent for examination and also the results :

A	B	C	D	E	F
Routine Examination	Urine & Faecal Swabs	8	—	8	Forestry Workers & Waterworks Employees
Dysentery	Faecal Swabs	90	7	83	Suspect cases & Contacts
Paratyphoid	Urine & Faecal Swabs	38	4	34	Cases & Contacts
	Sewer Swabs	6	—	6	
	Blood Tests	2	—	2	Contact
Food Poisoning	Faecal Swabs	42	14 (Typhi-murium) 15 (Montevideo)	13	Suspect Cases Contacts & Cases
Diphtheria	Throat Swab	4	1 (Steph) 2 (Haem Strep)	1	Suspect cases

A—Disease suspected B—Type of specimen C—Number taken
D—Positive result E—Negative result F—Source of specimen

Paratyphoid—4 cases occurred in the area during the month of March. The cases were 3 girls and the father of one of the girls who was discovered by the routine practice of swabbing contacts. Efforts to connect the cases and to find a local cause failed completely but within a short time of commencement of local investigation, contact with the Public Health Laboratory at Cardiff revealed that a number of similar cases of the same 'Type' had occurred throughout the United Kingdom and that therefore, the 4 cases were almost certainly part of a small scattered National outbreak.

This incident emphasises once again the immense value of the Public Health Laboratory Service and I am glad to acknowledge the help and advice from Dr. R. W. S. Harvey, the Director of the Public Health Laboratory, Cardiff.

Food Poisoning—10 cases occurred in the area during the year, involving 3 families and 1 isolated case. Four cases were of the Salmonella Montevideo type and the other was due to Salmonella Typhi-Murium. Investigations carried out failed to discover the original sources of infection.

WATER

The Mountain Ash Urban District Council has its own water undertaking, and its works and mains supplies are under the control of the Council's Engineer and Surveyor. There are three main sources of supply, two of which are in the Council's own area and the third at Penderyn in Brecknockshire. There are three impounding and storage reservoirs ; at Penderyn, Clydach and Perthcelyn and six service reservoirs ; at Darranlas, Buarth-y-Capel, Gilfach Rhyd, Cefnpennar, Abercynon and Penrhiwceiber High Service.

The respective capacities of the reservoirs are :

Penderyn	132,000,000 gallons
Clydach	11,300,000 gallons
Darranlas	2,200,000 gallons
Perthcelyn	31,572,000 gallons
Buarth-y-Capel	500,000 gallons
Abercynon No. 2 and 3	400,000 gallons
Penrhiwceiber High Service	500,000 gallons
Gilfach Rhyd No. 1	100,000 gallons
Cefnpennar	22,000 gallons

The sources of all supplies are upland surface and the waters tend to be soft in character. The only filtered supply, Darranlas, is filtered by open slow sand filtration. All supplies however are chlorinated and undergo chalk treatment.

With the exception of a few isolated houses and some farmhouses all premises in the urban area are supplied with water direct from the public mains. Work of investigation by the Consultants employed by the Council will, it is hoped in due course, lead to the modernisation of the treatment processs of Clydach and Penderyn.

WATER SAMPLING

Routine sampling of the water supplies at the reservoirs and at points of distribution to the customer is carried out by the Public Health Department. The samples are taken at fortnightly intervals and oftener as the occasion arises. Samples were also taken of private supplies in the Cefnpennar area.

During the months in which the Swimming Pool and Paddling Pools were open for the use of the Public, the water at these pools was sampled.

Summaries of the bacteriological and chemical analyses of samples taken at the public water supplies and baths are given in the following tables.

SWIMMING POOLS AND PADDLING POOLS

Within the Urban Area there is one Open Air Swimming Pool at Gwernifor Grounds, Mountain Ash and two Paddling Pools, one at the Welfare Grounds, Abercynon and one at the Lee Gardens, Penrhiwceiber. All these are maintained by the Council, and all are supplied with mains water.

The Gwernifor Swimming Pool has a water area of 3,600 sq. ft. and a capacity of 150,000 gallons. Whilst in use there is a continuous flow of water through a pressure filtration plant with coagulation and chlorination. The rate of change of water in the baths is once in every six hours.

The Paddling Pools also have a continuous flow through a Bell Bros. Purification Plant. The water undergoes chlorination by gaseous chlorine injection, and alum and soda ash treatment for coagulation and precipitation. The capacities of the Pools are as under :

Abercynon Pool	60,000 gallons
Penrhiwceiber Pool	40,000 gallons

RIVER POLLUTION

The river Cynon maintained a fairly satisfactory condition relative to its state of previous years. It is more often than not clean to the eye virtually throughout its course in the urban district. Washeries however, unfortunately continue to pollute the river from time to time.

Trade effluent agreements being negotiated with the various Industries concerned, will, when completed, constitute a major step forward in making the condition of the river more secure as will also the implementation of the recommendations of the "Sewer Survey".

REFUSE DISPOSAL AND COLLECTION

The collection and disposal of household refuse is under the control of the Engineer and Surveyor. The distribution of covered refuse bins, provided by the Council out of an Annual Rate Charge, was continued during the year. Distribution of the bins is undertaken by the Public Health Department. Smaller bins are being provided for aged and infirmed persons who find difficulty in handling the bigger bins. Up to the commencement of the year bins had been delivered to each householder in Ynysybwl and part of the Darranlas Collection Area. During the year of report bins were issued to complete the Darranlas Collection Area. By the end of 1963 477 \times 2 cu. ft. bins and 174 \times 1 cu. ft. bins had been distributed. It is the intention of the Council to cater for the whole urban area over a 4 year period.

The Council also have a scheme whereby they undertake to collect traders' refuse once weekly for a small charge. Many of the traders in the area take advantage of this service.

Since my last report on the proposed Pulverisation Plant at Pontcynon the Council have invited firms to tender for the construction of the Plant. These have been received and accepted and Ministry sanction sought for a loan in connection with the works attached thereto. Until completion of the project, refuse continues to be tipped at Cwmpennar, Pontcynon and Ynysybwl. None of the sites can be considered satisfactory.

Source of Supply	Results of Bacteriological Tests						Results of Chemical Tests			
	Number Samples	Satis- factory	Unsatis- factory	% Satis.	Number Samples	Satis- factory	Unsatis- factory	% Satis.		
Penderyn Reservoir	Raw	—	—	—	19	—	—	—		—
	Treated	19	9	67.8%	28	24	4	85.7%		
Perthcelyn Reservoir	Raw	—	—	—	16	—	—	—		—
	Treated	21	3	87.5%	24	23	1	94.1%		
Clydach Reservoir	Raw	—	—	—	19	—	—	—		—
	Treated	23	5	82.1%	28	28	—	100%		
Darranlas Reservoir	Raw	—	—	—	15	—	—	—		—
	Treated	16	5	76.1%	21	20	1	95.2%		

Source of Supply	Results of						Results of		
	Bacteriological Tests			Chemical Tests					
	Number Samples	Satisfactory	Unsatisfactory	% Satisfactory	Number Samples	Satisfactory	Unsatisfactory	% Satisfactory	
Gwernifor Swimming Pool	8	8	—	100%	8	8	—	100%	
Penrhiwceiber Paddling Pool	6	6	—	100%	6	6	—	100%	
Abercynon Paddling Pool	6	6	—	100%	6	6	—	100%	

ATMOSPHERIC POLLUTION

Little, worthy of note, occurred in relation to Atmospheric Pollution during the year. The major single source of pollution affecting the district continued to be the Phurnacite Plant situated just outside the Mountain Ash boundary within the urban area of Aberdare.

The two neighbouring Authorities continued to collaborate in relation to this source of pollution but it cannot be said, unfortunately, that any substantial progress was made during the period of this report in lessening the degree of pollution emanating from this plant.

Tables and graphs are included showing the result of samples analysed, which were taken from the pollution measuring stations set up in Mountain Ash and Ynysybwl. Also included are results of samples taken in the Aberdare Urban Area. Copies of these results are submitted to the Department of Scientific and Industrial Research and the National Coal Board.

As a rough guide to the approximate standard of atmospheric pollution to be expected in the varying types of areas throughout the country, the following table is included :

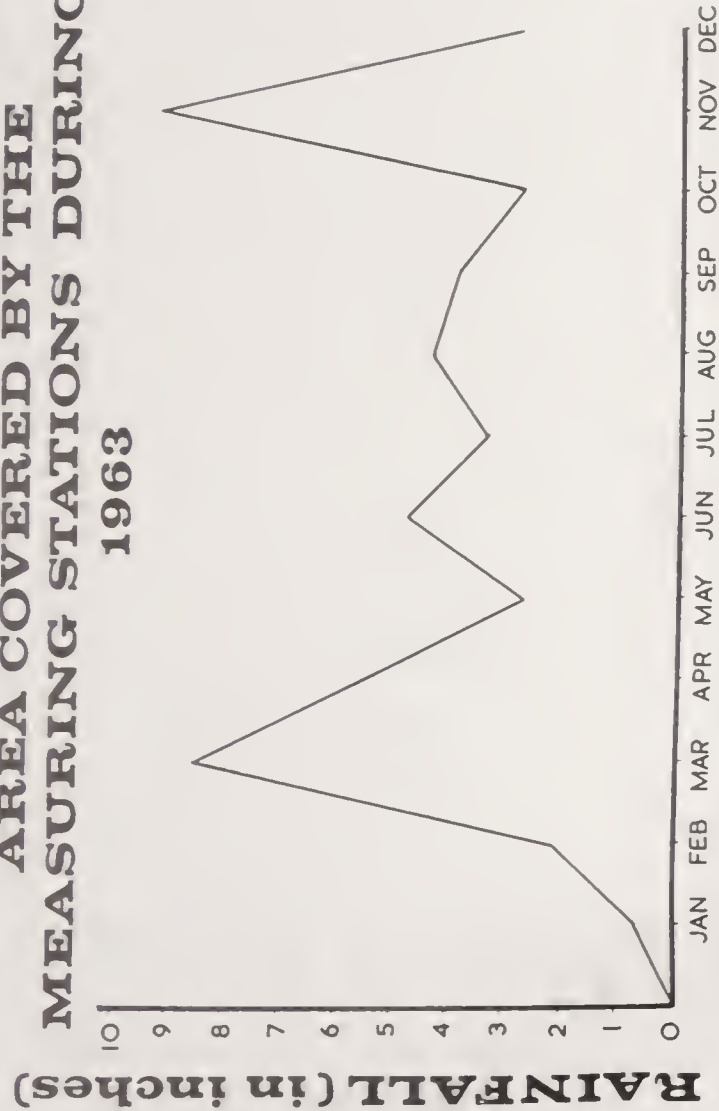
- (a) Clean less than 12·5 tons per sq. mile
- (b) Fairly clean 12·5 - 37·5 tons per sq. mile
- (c) Dirty 37·5 - 62·5 tons per sq. mile
- (d) Very dirty More than 62·5 tons per sq. mile

SEWERAGE AND SEWAGE DISPOSAL

Further substantial progress was made in the survey of the sewerage system of the Cynon valley area of the Mountain Ash District and appropriate reports made to the Council. The Consultants employed by the Council are also employed for a similar purpose by the Aberdare Council thus ensuring that the sewerage system of the Cynon Valley is treated as a complete whole, and it is hoped that the recommendations resulting from this survey will, upon implementation, bring the sewerage system of the valley up to modern standards and also result in the establishment of a modern disposal works to be situated in all probability, in the Abercynon area.

It is intended that the new disposal works should eventually also treat all the sewage from the Ynysybwl valley thus necessitating a new sewer from Ynysybwl to Abercynon and the abandonment of the obsolete Sewerage Works at Ynysybwl. During the year Ministry approval for this new sewer was obtained.

GRAPH ILLUSTRATING THE
AVERAGE RAINFALL IN THE
AREA COVERED BY THE
MEASURING STATIONS DURING
1963

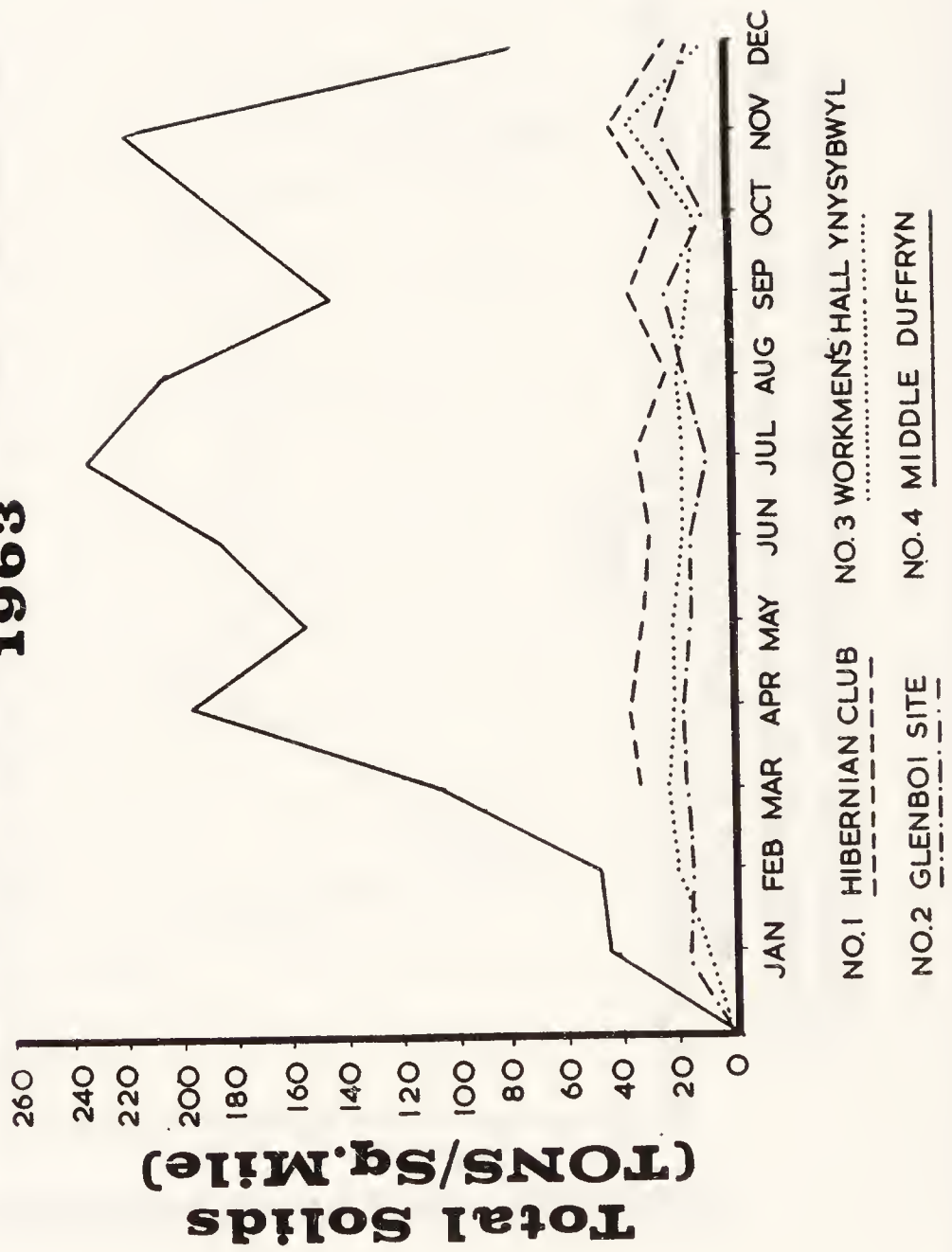


MEASUREMENT OF ATMOSPHERIC POLLUTION

Below is a table of anaylsis of amsples of deposited matter collected from sites in the Mountain Ash and Aberdare areas. The figures denote estimated total solids in tons per square mile.

Collecting point				January	February	March	April	May	June	July	August	September	October	November	December
Hibernian Club, Mountain Ash	..	..		1.45	Roof Repairs	25.44	27.20	23.21	20.68	26.97	18.92	28.21	18.69	34.13	19.33
Glenboi, Mountain Ash	..	..	..	9.66	12.42	14.46	14.80	12.42	12.41	7.52	9.97	14.83	8.96	19.10	10.53
Workmen's Hall, Ynysybwl	..	..		8.79	14.94	17.92	17.45	16.71	12.41	10.97	10.63	10.57	9.13	23.79	10.03
Middle Duffryn, Mountain Ash	..	..		41.35	45.37	156.99	191.09	150.35	181.73	234.08	203.65	146.93	154.81	219.75	82.99
Aberdare & Dist. Co-op. (Central)	..	..		10.74	29.77	19.96	26.65	16.01	12.58	7.72	15.10	15.77	14.83	24.63	10.10
Aman School, Godreaman	..	..		12.15	11.54	15.57	16.31	12.35	8.69	7.75	10.15	12.62	7.72	26.31	10.40
Parry's Bakery, Abercwmboi	..	..		37.24	37.03	19.26	30.52	26.43	22.74	10.30	19.65	29.33	D I S C	O N T I	N U E D
Duffryn Row, Cwmbach	..	..		35.31	23.08	34.39	32.85	28.82	22.10	26.87	25.11	28.35	14.62	37.81	13.55

**GRAPH ILLUSTRATING TOTAL
SOLIDS DEPOSITED DURING
1963**



Food Hygiene

(1) Number of Food Premises in the area :

Grocery and Provision Dealers	56
General Dealers	97
Greengrocers and Fruiterers	24
Fishmongers	1
Refreshment Dealers and Confectioners	15
Butchers	28
Fish Fryers	15
Confectioners only	4
Bakeries	2
Licensed Premises	32
Mineral Water Manufacturers	1
Wholesale Grocers	1
Wholesale Confectioners	1
Canteens—Colliery	5
Schools	6
Factories	6

(2) Number of Premises registered under Section 16, Food and Drugs Act, 1955 :

Manufacture and Sale of Ice Cream	6
Sale of Ice Cream	110
Fried Fish and Chipped Potatoes	16
Butchers Smalls	11

11 Dairies are registered under the Milk and Dairies (General) Regulations, 1959.

(3) Visits to food premises were made during the year and the standards of hygiene in the shops was found to be generally satisfactory.

(4) **The Ice Cream Regulations.**

The majority of Ice Cream sold in the area is pre-packed and this, and in the most part, is manufactured by the large Ice Cream manufacturing firms. The loose Ice Cream is sold generally in the cafes and from mobile vehicles. The registered premises have been visited and inspections made to ascertain the storage conditions for sale of Ice Cream are being observed by the vendors. All vehicles were also kept under observation.

SHOPS ACT, 1950

The shops in the area were regularly visited by your Shops and General Purposes inspector to ascertain that the provisions of the Shops Act in relation to Closing Hours, weekly half holiday of employees, early closing day and Sunday Trading were being carried out. It was found generally that the main street shops were closing earlier than the hours prescribed by the Act or Orders. As previously reported it was the shops removed from the main shopping centres who were the ones which needed most attention in respect of closing hours, as in most instances these shops are of the one man, owner occupier type. It was found necessary to emphasise the provisions of the Act to some traders and the Council did in a few cases give written warnings for non-compliance with the Act or Orders.

Below is a classification of the shops in the area other than those included in the section of Food Hygiene.

Corn and Seed Merchants	4
Chemists	10
Drapers	36
Electrical Dealers	4
Furniture and Hardware Dealers	9
Hairdressers	19
Ironmongers	8
Jewellers	3
Boot and Shoe Dealers and Repairers	20
Laundry and Dry Cleaners	6
Motor and Cycle Dealers	5
Musical Dealers	2
Newsagents	15
Outfitters	7
Photographers	2
Decorators	3
Opticians	4
Oil Merchants	1
Toys and Leather Goods	2

FOOD AND DRUGS ACT, 1955

I give below a statement showing the number of samples taken by the County Sampling Officers in the Mountain Ash Urban Area during the year ended 31st December, 1963.

Sample	No Taken	Sample	No. Taken
Almonds (ground)	1	Marmalade	1
Aspirins	3	Marzipan	1
Baking Powder	5	Meat Paste	2
Bicarbonate of Soda	3	Meat Products (canned)	1
Butter	2	Milk	5
Cornflour	1	Mincemeat	1
Cake Sponge Pastry Mix, ect.	6	Mustard	3
Cereals	1	Olive Oil	1
Cheese	1	Orange and Lemon Curd	3
Coffee and Chicory	10	Peel (mixed)	2
Condensed Milk	2	Pepper	3
Cream	3	Pickles	3
Desert Powder	3	Rice	2
Evaporated Milk	1	Sauces	5
Fish (canned)	2	Soft Drinks	5
Fish (frozen)	3	Soup (canned)	4
Fish Paste	1	Stuffing	1
Flour	7	Suet	4
Fruit (fresh)	1	Sugar	2
Fruit (canned)	3	Sweets	2
Fruit (dried)	11	Sandwich Spread	3
Fruit Juice	3	Sweetner	3
Glacé Cherries	3	Soda Water	2
Ground Ginger	1	Table Jelly	5
Gravy Browning	3	Tapioca	1
Health Salts	1	Vegetables (canned)	8
Ice Cream	4	Vinegar	3
Jam	2	Vitamin Tabs. ect.	13
Lard	3		

I am indebted to Dr. W. E. Thomas, County Medical Officer of Health, for supplying me with the above information.

HOUSING

Housing Act, 1957

During the year of report no action was taken under the Housing Act, 1964 in respect of individual dwellings which would have been found unfit, within the meaning of the Act, and could not have been rendered fit at a reasonable cost.

Although no action was taken, as is pointed out above, 2 families were rehoused from premises which were the subject of Closing Orders made in 1962.

Discretionary and Standard Grants

Discretionary and Standard Grants for improvements of houses are made available by the Council to property owners. During the year advantage was taken by owners, but principally owner/occupiers.

The number of grants is as under :

Discretionary Grants	22
Standard Grants	48

RENT ACT, 1957

Certificates of Disrepair

1. Number of Applications for certificates of Disrepair	4
2. Number of Decisions not to use Certificates	Nil
3. Number of Decisions to issue Certificates	4
(a) in respect of some but not all defects	3
(b) in all respects of all defects	1
4. Number of Undertakings given by Landlord under Para. 5 of First Schedule	1
5. Number of Certificates issued	3
6. Applications by Landlords to Local Authority for cancellation of Certificates	Nil
7. Certificates cancelled	Nil

General Health and Welfare Services of the District

1.—SERVICES PROVIDED BY THE GLAMORGAN COUNTY COUNCIL :

(a) **Maternity and Child Welfare, Midwifery, Home Nursing, Home Help, School Medical and Health Visiting :**

These services are ministered by the

Divisional Health Officer

Headquarters : Divisional Health Offices,
New Clinic Buildings,
Rock Grounds, Aberdare.
Tel. : Aberdare 2497.

For the residents of **Ynysybwl**, the services are adminis-
tered by

Divisional Health Officer

Headquarters : Divisional Health Offices,
Courthouse Street,
Pontypridd.
Tel. : Pontypridd 2275-6.

(b) **Mental Health Services :**

The duly authorised officers for this area are

Mrs. C. Edwards,

15 Mill Street,
Tonyrefail,
Tel. : Tonyrefail 443.

Miss A. Evans,

164 Morgan Road,
Port Talbot.

(c) **Ambulance Service :**

The Ambulance Station for this area is situated at

Hawthorne, Pontypridd.

Tel. : Pontypridd 2522.

(d) **Welfare Service :**

Officers of the Welfare Department are available to offer
advice and assistance to those in need of hostel accommo-
dation, the blind and the handicapped.

The local offices for the area are :

(a) Area Office, Llewellyn Street,
Trecynon, Aberdare.

Tel. : Aberdare 3018.

(b) County Offices, Courthouse Street,
Pontypridd.

Tel. : Pontypridd 2275-6.

(e) **Children's Department :**

The Office of the Children's Department of the County Council is at :

33/36, Adam Street, Cardiff.

Tel. : Cardiff 31696-7-8.

(f) **Registration of Births, Deaths and Marrigaes :**

This area comes under the Pontypridd District, and the Superintendent's Office is at :

Courthouse Street, Pontypridd.

Tel. : Pontypridd 3132.

The local offices are situated at :

53, Commercial Street,
Mountain Ash.

Tel. : Mountain Ash 2192.

10 a.m. to 1 p.m., 2 p.m. to 5 p.m.

Glancynon Post Office, Abercynon.

Tuesday : 9.30 a.m. to 10.30 a.m.

Workmen's Hall, Ynysybwll.

Tuesday and Friday : 11 a.m. to 12 a.m.

(g) **Probation Officer :**

The address of the Principal Probation Officer is at

St. Catherine's Chamber, Mill Street,
Pontypridd.

Tel. Pontypridd 2157.

The local office is

Probation Officer Office, Cardiff Street,
Aberdare.

Tel. : Aberdare 2901.

2.—SERVICES PROVIDED BY THE WELSH REGIONAL HOSPITAL BOARD :

Hospital facilities for the area are ministered by :

- (a) The Merthyr and Aberdare Hospital Management Committee :

The office of this Committee is at :

St. Tydfil's Hospital,
Merthyr Tydfil.
Tel. : Merthyr 3401.

- (b) The Pontypridd and Rhondda Hospital Management Committee : Office at :

Courthouse Street,
Pontypridd.
Tel. : Pontypridd 2646.

- (c) **Chest Clinics :**

Melbourne House, Penrhiwceiber Road, Penrhiwceiber.
This Clinic is open on **Tuesday and Friday** mornings (10 a.m. to 12 noon) and once monthly for Contact Clinic.
Tel. : Mountain Ash 2119.

Glen View, Courthouse Street, Pontypridd.
(Open **Monday to Friday** : 9 a.m. to 5 p.m.
Saturday : 9 a.m. to 12 noon).
Tel. : Pontypridd 2204.

3.—SERVICES PROVIDED BY GOVERNMENT DEPARTMENTS.

- (a) Ministry of National Insurance :

Central Office (Wales) is at

Cathays Park, Cardiff.

Local Offices : Duffryn Road, Mountain Ash.

Tel. : Mountain Ash 2215.

Park Buildings, Pontypridd.

Tel. : Pontypridd 3081.

- (b) Pneumoconiosis Medical Panel :

The office is situated at the East entrance :

Prudential Buildings,
Cathays Park, Cardiff.
Tel. : Cardiff 26161.

(c) National Assistance Board :

Area Offices : Glanynys, Cwmbach Road,
Aberdare.

Tel. : Aberdare 2343.

The Grange, Tyfica Road,
Pontypridd.

Tel. : Pontypridd 2295.

4.—GENERAL PRACTITIONER SERVICES :

This service is provided by the Glamorgan Executive Council of :

47, Park Place, Cardiff.

Tel. : Cardiff 26216.

(National Health Council).

5.—NATIONAL ASSISTANCE ACT, 1948—Burial of the Dead.

Under the provisions of the Act, during the year the cost of burying 3 persons was accepted by this authority.

J. LLEWELLYN WILLIAMS,

Medical Officer of Health.

Summary of work done by the Public Health Inspectors

Number of premises inspected and revisited 973
 Number of Notices served under Section 93, Public Health Act, 1936 :

Informal	210
Statutory	114

General Repairs—

Chimneys and fireplaces	24
Roofs	69
Eavesgutters and downpipes	40
External Walls	15
Windows and doors	57
Internal walls, partitions and ceilings	22
Floors	12
Internal Staircases	4
Cupboards and skirtings	4
Sculleries and pantries	7
Yard pavements and steps	10
Wash houses and coal houses	4
Boundary and forecourt walls	6
Repairs to water services	9

Section 39, Public Health Act, 1939—

Number of Notices served	12
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Drainage—

Cleansed, repaired and relaid	26
Drains tested	93

Section 45, Public Health Act, 1936—

Number of Notices served	44
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Sanitary Conveniences—

General Repairs	27
Waterflushing apparatus repaired or renewed	11
Watercloset pans renewed	18

Infectious Diseases—

Number of cases visited	37
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Disinfection—

Number of premises disinfected after infectious disease ..	18
Number of dirty or verminous premises disinfected	18

The Milk and Dairies (General) Regulations, 1959

The supervision of the retail distribution of milk is the duty of the local authority, although the licensing authority for Designated Milks is the Glamorgan County Council.

Samples of milk are taken for bacteriological examination to the Public Health Laboratory at Cardiff.

FOODS CONDEMNED DURING 1963

A total of 4 cwts. 1 stone 12½ lbs. of foodstuffs was found to be unfit for human consumption on examination, was voluntarily surrendered and destroyed :

	Weight in lbs.
Cooked Ham	56
Tinned Meat	188
Tinned Vegetables	122
Tinned Fruit	94
Tinned Cream	4
Tinned Fish	8
Tinned Soup	10
Tinned Rice	6
Tinned Milk	7½ pints
Butter	½ lb.

PET ANIMALS ACT, 1951

Premises where pet animals are sold must be licensed annually by the Local Authority.

No licences were issued during the year.

RAG FLOCK AND OTHER MATERIALS ACT, 1951

One factory in the area is registered as an upholstery premises and was visited periodically to see that the provisions of the above act were complied with.

CINEMATOGRAF AND STAGE PLAYS LICENCES

During the year the cinemas and theatres in the area were inspected as regards interior cleanliness, condition of seats, sanitary conveniences and ventilation.

RODENT CONTROL

Prevention of Damage by Pests Act 1949

The control of rodents is an essential and most necessary function of a local authority and the Council realizing this, continue to provide a disinfestation service (two full time operatives being employed).

This service is available for private and business premises and previous policy of charges still remain viz. (a) free treatments for private premises (b) a charge on an hourly basis for business premises.

Treatments for disinfestation are not confined to complaints received from residents in the area. A continual survey of the area is made by your operatives and treatments made of all infestations found. It will be observed from the following list of infestations treated that possible sources of infestations, viz: river embankments, watercourses, refuse tips are regularly surveyed and terated.

The public are co-operating with the department by notifying infestations, but it has been found that in some instances earlier notifications would have made the problem of disinfestation easier. The co-operation of the public in notifying any infestations cannot be over emphasised.

The method of disinfestation used is that of poisoning and the only poison used is warfarin.

The maintenance treatment of the sewerage system is still pursued and for such treatments a prepared warfarin poison—Sewerin P—on the 1-4-8 system is used. The treatment of the sewers is done by your rodent operatives.

A summary of the treatment of surface infestations are as under.

	Rats	Mice
Number of dwelling houses treated	225	39
Number of business premises treated	25	8
Number of schools and school kitchens treated ...	5	5
Number of watercourses treated	64	—
Number of embankments treated	192	—
Number of river embankments treated	40	—
Number of refuse tips treated	27	—
Number of sewage beds treated	11	—
Number of recreation grounds treated	2	—
Number of allotments treated	1	—
Number of Local Authority premises treated	4	1
Number of back lanes treated	10	—
Number of cemeteries treated	2	—
Number of housing sites treated	1	—
Number of Canal Bank sections treated	1	—

SEWER TREATMENTS

The twice annual maintenance treatment of the sewerage system is still pursued. The treatments are carried out by the Council's rodent operatives using a prepared Warfarin poison—Sewarin P—on the 1-4-8 day system. Each manhole treated is therefore baited on three occasions during the 6 monthly treatment.

FACTORIES

	No. on Register	Inspec- tions	Written Notices	Prose- cutions
(1) Factories in which section 1, 2, 3, 4, and 6 are enforced by Local Authorities	34	15	—	—
(2) Factories not included above in which Section 7 is enforced by the Authority	44	26	—	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers premises)	5	7	—	—
TOTALS	83	48	—	—

There were no cases in which defects were found.

Number of Outworkers 5

G. M. JAMES,
Senior Public Health Inspector

